

L Number	Hits	Search Text	DB	Time stamp
4	1	"6387640" and vaccinia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:03
6	0	Gatti.in. and protein adj10 production	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:03
7	0	Gatti.in. and AATM adj10 production	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:03
8	1	Gatti.in. and ATM adj10 production	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:03
9	1	Gatti.in. and expression adj10 production	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:03
10	12	Gatti.in. and protein	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:04
11	5	Gatti.in. and protein and vaccinia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:05
12	11	Gatti.in. and ATM	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:05
14	1	ATM same variola	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:06
13	6	ATM same vaccinia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:06
15	422	ATM same expression	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:07
16	87	ATM adj20 expression	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:07
17	76	ATM adj10 expression	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:07

18	35	ATM adj10 expression and mammalian adj10 cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/02/05 06:07
19	1	ATM adj10 expression and mammalian adj10 cell same ATM adj deficient		2004/02/05 06:07
20	8	ATM adj10 expression and mammalian adj10 cell same ATM		2004/02/05 06:07

<u>NEWS 1</u>	Web Page URLs for STN Seminar Schedule - N. America	
<u>NEWS 2</u>	"Ask CAS" for self-help around the clock	
<u>NEWS 3</u>	CA/CAplus records now contain indexing from 1907 to the present	
<u>NEWS 4</u>	DEC 08	INPADOC: Legal Status data reloaded
<u>NEWS 5</u>	SEP 29	DISSABS now available on STN
<u>NEWS 6</u>	OCT 10	PCTFULL: Two new display fields added
<u>NEWS 7</u>	OCT 21	BIOSIS file reloaded and enhanced
<u>NEWS 8</u>	OCT 28	BIOSIS file segment of TOXCENTER reloaded and enhanced
<u>NEWS 9</u>	NOV 24	MSDS-CCOHS file reloaded
<u>NEWS 10</u>	DEC 08	CABA reloaded with left truncation
<u>NEWS 11</u>	DEC 08	IMS file names changed
<u>NEWS 12</u>	DEC 09	Experimental property data collected by CAS now available in REGISTRY
<u>NEWS 13</u>	DEC 09	STN Entry Date available for display in REGISTRY and CA/CAplus
<u>NEWS 14</u>	DEC 17	DGENE: Two new display fields added
<u>NEWS 15</u>	DEC 18	BIOTECHNO no longer updated
<u>NEWS 16</u>	DEC 19	CROPU no longer updated; subscriber discount no longer available
<u>NEWS 17</u>	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
<u>NEWS 18</u>	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
<u>NEWS 19</u>	DEC 22	ABI-INFORM now available on STN
<u>NEWS 20</u>	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
<u>NEWS 21</u>	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
<u>NEWS EXPRESS</u>	DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003	
<u>NEWS HOURS</u>	STN Operating Hours Plus Help Desk Availability	
<u>NEWS INTER</u>	General Internet Information	
<u>NEWS LOGIN</u>	Welcome Banner and News Items	
<u>NEWS PHONE</u>	Direct Dial and Telecommunication Network Access to STN	
<u>NEWS WWW</u>	CAS World Wide Web Site (general information)	

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FILE 'HOME' ENTERED AT 06:19:45 ON 05 FEB 2004

=> file medline caplus biosis

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
0.21	0.21

FILE 'MEDLINE' ENTERED AT 06:30:08 ON 25-SEP-2000

FILE 'CAPPLUS' ENTERED AT 06:30:08 ON 25-FEB-2014

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FILE 'BIOSIS' ENTERED AT 06:20:08 ON 05 FEB 2004
 COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)

```
=> s ATM adj protein
L1          0 ATM ADJ PROTEIN

=> s ataxia-telangiectasia
L2          7671 ATAXIA-TELANGIECTASIA

=> s 12 (S) protein
L3          1551 L2 (S) PROTEIN

=> s 12 (5A) protein
L4          1249 L2 (5A) PROTEIN

=> s 14 (S) expression
L5          67 L4 (S) EXPRESSION

=> s 15 and mammalian adj cell
L6          0 L5 AND MAMMALIAN ADJ CELL

=> s 12 and mammalian adj cell
L7          0 L2 AND MAMMALIAN ADJ CELL

=> s ATM adj deficient
L8          0 ATM ADJ DEFICIENT

=> s "L3" and 12
L9          3 "L3" AND L2

=> d ibib abs 1-3
```

L9 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
Text References

ACCESSION NUMBER: 2003:913375 CAPLUS
 DOCUMENT NUMBER: 139:377559
 TITLE: Method of analyzing **ataxia-telangiectasia** protein
 for screening for susceptibility to
 ataxia-telangiectasia and cancer
 INVENTOR(S): Gatti, Richard A.; Butch, Anthony W.; Chun, Helen H.;
 Sun, Xia
 PATENT ASSIGNEE(S): The Regents of the University of California, USA
 SOURCE: PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003095972	A2	20031120	WO 2003-US13544	20030501
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,			

LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
 PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,
 TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
 RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,
 NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
 GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2002-379841P P 20020509

AB The present disclosure concerns methods for recombinantly producing functional **ataxia-telangiectasia** mutated (ATM) protein, methods for isolating recombinant functional ATM protein, and uses of ATM protein including diagnosing a patient for A-T and/or susceptibility to various conditions including cancer, particularly breast cancer, neurol. disorders, and heart disease. Specifically, a method is disclosed for detg. the amt. of ATM protein in a patient's cells, comparing that amt. to a ref., and forming a diagnosis. A sandwich immunoassay was used to measure ATM protein in nuclear cell lysates and cell exts. from cell lines and peripheral blood mononuclear cells taken from normal individuals and A-T patients.

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

Full Citing
 Text References

ACCESSION NUMBER: 2003:875074 CAPLUS
 DOCUMENT NUMBER: 139:380024
 TITLE: Oligonucleotide probes and primers for diagnosing and monitoring autoimmune and chronic inflammatory diseases
 INVENTOR(S): Wohlgemuth, Jay; Fry, Kirk; Woodward, Robert; Ly, Ngoc
 PATENT ASSIGNEE(S): Expression Diagnostics, Inc., USA
 SOURCE: PCT Int. Appl., 877 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE		
WO 2003090694	A2	20031106	WO 2003-US13015	20030424		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	US 2004009479	A1	20040115	US 2002-131827	20020424
<u>PRIORITY APPLN. INFO.:</u>			US 2002-131827	A2	20020424	
			US 2001-296764P	P	20010608	
			US 2001-6290	A2	20011022	

AB Methods of diagnosing or monitoring auto immune and chronic inflammatory diseases, particularly systemic lupus erythematosus and rheumatoid arthritis, in a patient by detecting the expression level of one or more genes in a patient, are described. Oligonucleotide probes and primers for

diagnosing or monitoring autoimmune and chronic inflammatory diseases, particularly systemic lupus erythematosus and rheumatoid arthritis and kits or systems contg. the same are also described. In one format, the gene expression system is immobilized on an array, e.g. a chip, plate, bead, pin, membrane, microfilter, oligonucleotide, cDNA, or polynucleotide microarray.

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

Full Text Citing References

ACCESSION NUMBER: 2003:532240 CAPLUS
 DOCUMENT NUMBER: 139:84073
 TITLE: Expression and purification of ATM protein using
 vaccinia virus
 INVENTOR(S): Gatti, Richard A.; Chun, Helen H.; Rawlings, David J.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 12 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003129651	A1	20030710	US 2002-42775	20020108
WO 2003057907	A1	20030717	WO 2002-US41598	20021223
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2002-42775 A 20020108

AB The present disclosure concerns methods for recombinantly producing functional **ataxia-telangiectasia** (ATM) protein, methods for isolating recombinant functional ATM protein, and uses of ATM protein. In particular, a method is disclosed for using a vaccinia virus vector to express ATM, and using immunopptn. or affinity tagging to isolate recombinant ATM.

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=> s l1 (S) expression
L10          0 L1 (S) EXPRESSION

=> s ATM adj10 expression
L11          0 ATM ADJ10 EXPRESSION

=> s ATM adj10 production
L12          0 ATM ADJ10 PRODUCTION
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=> d his

(FILE 'HOME' ENTERED AT 06:19:45 ON 05 FEB 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 06:20:08 ON 05 FEB 2004
L1 0 S ATM ADJ PROTEIN
L2 7671 S ATAXIA-TELANGIECTASIA
L3 1551 S L2 (S) PROTEIN
L4 1249 S L2 (5A) PROTEIN
L5 67 S L4 (S) EXPRESSION
L6 0 S L5 AND MAMMALIAN ADJ CELL
L7 0 S L2 AND MAMMALIAN ADJ CELL
L8 0 S ATM ADJ DEFICIENT
L9 3 S "L3" AND L2
L10 0 S L1 (S) EXPRESSION
L11 0 S ATM ADJ10 EXPRESSION
L12 0 S ATM ADJ10 PRODUCTION

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